

20011101.ba v03_n246.bam.20011101

>From ???@??? Thu Nov 1 00:01:24 2001 -0600
Message-Id: <200111010601.fA1616q5017971@sco.theporch.com>
Date: Thu, 1 Nov 2001 00:00:37 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3246

BOATANCHORS Digest 3246

Topics covered in this issue include:

- 1) Re: Victoreen Tubes
by "Brian Bj" <k7ais@qsl.net>
- 2) Re: Beautiful Vintage Station
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 3) Field Effect Transistor Question
by JimWMiller@aol.com
- 4) jewels...
by David Ross <ross@hypertools.com>
- 5) Re: Beautiful Vintage Station
by john <johnmb@nc.rr.com>
- 6) Fwd: Beautiful Vintage Station
by W5USM@aol.com
- 7) Re: Beautiful Vintage Station
by Dan Arney <hankarn@pacbell.net>
- 8) Re: Manual for AN PRC 502
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
- 9) Re: Beautiful Vintage Station
by "Spencer Petri" <wa5jci@flash.net>
- 10) Re: Field Effect Transistor Question
by Arden Allen <gumbear@pacbell.net>
- 11) WTB B&W 40 BVL coil
by "Al Parker" <anchor@ec.rr.com>
- 12) Looking for an Interstage Audio Transformer
by "Joe Watson" <wwatson@mmcable.com>
- 13) Viking Valiant Part Location
by "Smith" <smithab11@home.net>
- 14) WTB: National FB-7 160 Meter Osc coil or set
by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
- 15) Re: Beautiful Vintage Station
by David Hollander <n7rk@dancris.com>
- 16) Re: Beautiful Vintage Station
by "laffitte" <laffitte@prtc.net>
- 17) RE: Beautiful Vintage Station
by "Shirli Sieb" <sieb@sympatico.ca>
- 18) Re: Silver Plating of Copper

by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
19) Re: Viking Valiant Part Location
by "Sandy W5TVW" <ebjr@i-55.com>

Message-ID: <001b01c16105\$452b9760\$3d735a41@oemcomputer>
From: "Brian Bj" <k7ais@qsl.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Victoreen Tubes
Date: Mon, 29 Oct 2001 21:37:36 -0800

Ed and Group:

Victoreen also made some 3TF7's under their own number.....I
have one in the wallow somewhere but can't put my hand on it
right this second.....seems like it was an 80-Y or somesuch.

Worked just fine.....

Brian, K7AIS

> I have some Victoreen tubes out in the wallow...yellow and
green boxes if I
> have it right. Have never found much on them but will dig
out the Ludwell
> book to try again. These are about 12AT7 and 6AQ5 size.
??????

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.281 / Virus Database: 149 - Release Date:
9/18/2001

Date: Tue, 30 Oct 2001 06:18:52 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200110301118.GAA26748@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: skywide@yahoogroups.com
Subject: Re: Beautiful Vintage Station

Granted beautiful

But if interested in doing business, write me 1st.

Marty

Date: Tue, 30 Oct 2001 12:02:04 EST
From: JimWMiller@aol.com
Subject: Field Effect Transistor Question
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <f3.115bd603.2910370c@aol.com>

Hello,
I've received a number of interesting suggestions on how to interface a BA rig to a modern Freq Counter. Thanks!

(Unfortunately I accidentally deleted some email from Barry on this subject. Barry please send ur email address so that I can respond.)

The Circuit requirements:

1. High Z in, Low Z out.
2. Accepts 0.5 to 100+ VPP input.
3. Clips (without loss of High Z) to protect freq counter.
4. Works up to 30 Mhz.
5. Must be designed on K.I.S.S principle (Keep It Simple Stupid).

Apparently there is no perfect ckt that meets all requirements exactly but will design and test a working interface this weekend. I'll post the ckt. Comments, questions and (especially) alternative circuits would be fun and appreciated.

Thanks & 73,
Jim
WA2UMP

Message-ID: <3BDF1237.41BD16E8@hypertools.com>
Date: Tue, 30 Oct 2001 12:48:55 -0800
From: David Ross <ross@hypertools.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: jewels...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BAfolks -

Found this in the archives here. Not sure where I first saw it but I believe the credit at the bottom to be correct.

73

Dave Ross N7EPI ross@hypertools.com

A little black box of jewels and rocks
 with lanterns that flicker and glow
Make lighter the gloom in my little back
 room where often I hasten to go
An anthem it peals of whistles and squeals
 and of voices so ghostly and queer
That you'd never decry, should you chance
 to pass by, what a brotherhood foregathers here!
Each separate tone has a soul of its own:
 each voice is the voice of a friend.
United through space in this gathering-place
 at the radiant rainbow's end.
Reverberant sounds ride the wave that rebounds
 like the waves of the sea, from afar,

Reporting the doings, the comings and goings
 of brothers, wherever they are.
A curious band, spread over the land,
 yet joined from equator to poles
Disperses the gloom in each little back room
 by this magic communion of souls
I could part with a lot of the things that I've got,
 but I'll carry my love to the tomb
Of that little black box and the joys it unlocks
 when I enter that little back room

by Max P Vander Horck, WA6HUW
in QST, November, 66

Message-Id: <3.0.3.32.20011030185933.0117f124@pop-server.nc.rr.com>
Date: Tue, 30 Oct 2001 18:59:33 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Re: Beautiful Vintage Station
Cc: skywide@yahooogroups.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Are these da weenies that were dragged into court...?
(the 2 guys in Tayhass?)

At 06:18 AM 10/30/01 -0500, Marty's Refl. Drop wrote:

>Granted beautiful

>

>But if interested in doing business, write me 1st.

>

> Marty

>

>

From: W5USM@aol.com

Message-ID: <2f.1ceee277.29109b3e@aol.com>

Date: Tue, 30 Oct 2001 19:09:34 EST

Subject: Fwd: Beautiful Vintage Station

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/mixed; boundary="part1_2f.1ceee277.29109b3e_boundary"

--part1_2f.1ceee277.29109b3e_boundary

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_2f.1ceee277.29109b3e_boundary--

Date: Tue, 30 Oct 2001 16:13:01 -0800

From: Dan Arney <hankarn@pacbell.net>

Subject: Re: Beautiful Vintage Station

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Old Tube Radios <boatanchors@theporch.com>, skywide@yahoogroups.com

Message-id: <3BDF420D.3CC0E701@pacbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

They do not answer email inquires as to who they are or where they are.
While at the Dallas Posse I was informed to never get with in arms reach
of those yahoos in the vicinity of Tyler TaHaas under any circumstances

or you might lose some very valuable jewels that we carry very close.
Hank
KN6DI

Message-ID: <000501c16178\$1b34cee0\$8682d1d8@b1yhp64>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Manual for AN PRC 502
Date: Tue, 30 Oct 2001 14:20:45 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bonjour to All
Sorry to stretch the rules but need the manual/photocopies for above or
a site that would suit without making waves.
Thanks
Andre

Message-ID: <012001c161a3\$b5e91740\$d78e5a42@wa5jci>
From: "Spencer Petri" <wa5jci@flash.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>, <skywide@yahoogroups.com>
Subject: Re: Beautiful Vintage Station
Date: Tue, 30 Oct 2001 18:33:47 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Ain't them thar fellers up around Pareese TaHaas. I heered they war.

es 73 de Pete WA5JCI

6 Mtr VUCC#361/694--2 Mtr VUCC#346/190
6 Mtr WAS#490--6 Mtr DXCC/97 Confirmed
Charter Life Member CSVHFS #28
6 Mtr WAC-CW

"What the hell kind of country is this when you can't hate anybody but a
white man."
Hank Hill

----- Original Message -----
From: "Dan Arney" <hankarn@pacbell.net>

To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>; <skywide@yahoogroups.com>
Sent: Tuesday, October 30, 2001 6:13 PM
Subject: Re: Beautiful Vintage Station

> They do not answer email inquires as to who they are or where they are.
> While at the Dallas Posse I was informed to never get with in arms reach
> of those yahoos in the vicinity of Tyler TaHaas under any circumstances
> or you might loos some very valuable jewels that we carry very close.
> Hank
> KN6DI
>

Date: Tue, 30 Oct 2001 19:08:54 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Field Effect Transistor Question
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GM100EI5VEFKL@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi again Jim;

>
> The Circuit requirements:
> 1. High Z in, Low Z out.
> 2. Accepts 0.5 to 100+ VPP input.
> 3. Clips (without loss of High Z) to protect freq counter.
> 4. Works up to 30 Mhz.
> 5. Must be designed on K.I.S.S principle (Keep It Simple Stupid).

Yes, I believe in KISS. And here's my approach:

Any circuit has to look into real impedances (at RF frequencies, not even an FET has an invisibly high input impedance). The composite nature of those impedances is a mix of intended and unintended effects. For example, stray capacitance (X_c), lead inductance (X_l), dielectric losses (R) all combine to make the real impedance (Z) the circuit "sees" at a given frequency. Therefore, adding a simple attenuator network that brings the circuit voltage down to the frequency counter's minimum input voltage operating range (typically 50 to 200 mV) is a very simple method that also affords the ability to make a reasonable transmission line matching network so that differing lengths of coax are not troublesome. If done properly, the network can have no more effect on circuit opeation than the already present circuit impedances do. Avoiding overdriving the counter (as Barry

noted) is also important to avoid generating spurious signals that may effect the receiving environment. KISS includes GE (Good Enough).

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <060a01c16208\$c174c400\$6401a8c0@computer>

From: "Al Parker" <anchor@ec.rr.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: WTB B&W 40 BVL coil

Date: Wed, 31 Oct 2001 07:37:08 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

Hi all,

I recently got a nice Stancor ST-202-A transmitter, which is CW only, with an 811 final. A nice unit, see it at:

<<http://www.thecompendium.net/radio/stancor.htm>>

It came with only an 80m coil. John, WB50AU, was kind enough to loan me a 40m coil so I could get on 40 in the CX a few weeks ago. I would like to buy, swap for, etc, a B&W 40 BVL, as John would like his back. This is a center link coil, with the swinging link not included.

I have a pic of it on the page ref. above, with dimensions. I have had an offer of a similar coil from Andy, WB0SNF, but it has the center link assy attached, and would require modification & some turns removed. So rather than desecrate his, I hope to find the right one.

TIA for your help,

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

anchor@ec.rr.com

<http://www.thecompendium.net/radio/>

And remember; "-They don't make tubes nowadays like they used to..."

Message-ID: <001201c1620e\$71545160\$6900a8c0@radiatoroom>

From: "Joe Watson" <wwatson@mmcable.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Looking for an Interstage Audio Transformer

Date: Wed, 31 Oct 2001 07:17:51 -0600

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="-----_NextPart_000_000F_01C161DC.268BF390"

This is a multi-part message in MIME format.

-----=_NextPart_000_000F_01C161DC.268BF390

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I am looking for an interstage audio transformer (pp plates to pp grids, =
with separate (not center-tapped) grid windings. The Stancor A-4777 or =
Thordarson T58A70 are, I believe, representative of what I need.

Anyone have something along these lines?

Joe

-----=_NextPart_000_000F_01C161DC.268BF390

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_NextPart_000_000F_01C161DC.268BF390--

Message-ID: <000701c16220\$950fca00\$b2a70141@dover1.de.home.com>

From: "Smith" <smithab11@home.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Viking Valiant Part Location

Date: Wed, 31 Oct 2001 10:27:41 -0500

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Greetings fellow anchorites.

I have a

Viking Valiant that I am having problems troubleshooting drive and
neutralizing problems. Viewing the transmitter output on 20 and 10 meters on
my IFR 2000 spectrum analyzer that I am fortunate to have in the shop, the
output looks like a Christmas tree.

My first question for now is I am unable to locate C35(1000pf) it is shown on the schematic as being connected to a point where the C74 neutralization line joins to the top of the multiplier plate circuit coil L6. Thence from this point C35 goes to ground.

Looking at the manual and Figure 2, (Valiant Top View), I think I can see a ceramic cap located on the side of the L6A coil, but due to the photo quality I am not sure.

Can anyone confirm this location of C35 and where or how does it get it ground connection?

Breck K4CHE smithAB11@home.net
Dover Delaware, annt nutten here in dover except chickens, a nascar track and hams that cant solder.

Message-ID: <1D1B8647FA5CD411A02800508BDFD0A002F68FBD@stpmsx03.stp.guidant.com>
From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: National FB-7 160 Meter Osc coil or set
Date: Wed, 31 Oct 2001 10:07:56 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, I want to buy or trade for either a 160 meter oscillator coil or a full 160 meter coil set. I received a 160 meter Detector coil from a good friend and I'd like to put the FB-7 on 160 this winter. Thanks,

Oh, for those noticing my 'TEST' message a bit ago, I just discovered that it helps to actually SEND the message first before wondering why I didn't see it :^)

73, Scott WA9WFA in Saint Paul Minn

Message-ID: <3BE07800.22095199@dancris.com>
Date: Wed, 31 Oct 2001 22:15:28 +0000
From: David Hollander <n7rk@dancris.com>
MIME-Version: 1.0
CC: Old Tube Radios <boatanchors@theporch.com>, skywide@yahoogroups.com
Subject: Re: Beautiful Vintage Station
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To: Old Tube Radios <boatanchors@theporch.com>

The guy can't spell in the message and he can't even spell the name of his Ebay Store which is called

"RADIO RESTORTATION"

What is a "RESTORTATION?"

Message-ID: <002901c16268\$19fcc000\$b1723242@GuidoSantacana>
From: "laffitte" <laffitte@prtc.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Beautiful Vintage Station
Date: Wed, 31 Oct 2001 19:59:35 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also wonder what it means :>).

Guido KP4FAR

----- Original Message -----

From: "David Hollander" <n7rk@dancris.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>; <skywide@yahoogroups.com>
Sent: Wednesday, October 31, 2001 6:15 PM
Subject: Re: Beautiful Vintage Station

> The guy can't spell in the message and he can't even spell the name of
> his Ebay Store which is called

>
> "RADIO RESTORTATION"

> What is a "RESTORTATION?"

>

From: "Shirli Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Beautiful Vintage Station
Date: Wed, 31 Oct 2001 19:20:54 -0500
Message-ID: <LOBBJH0L00HLIPLONIAFIEMNEHAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> What is a "RESTORTATION?"

It's a restaurant in a bus station.

de VA3ES

> -----Original Message-----

> From: David Hollander

> Sent: Wednesday, October 31, 2001 5:15 PM

>

> The guy can't spell in the message and he can't even spell the name of
> his Ebay Store which is called

>

> "RADIO RESTORTATION"

>

> What is a "RESTORTATION?"

>

>

Message-Id: <4.2.0.58.20011031194103.00a9af30@miavx1.muohio.edu>

Date: Wed, 31 Oct 2001 19:50:42 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>

Subject: Re: Silver Plating of Copper

Mime-Version: 1.0

Content-Type: multipart/alternative;

boundary="=====-1016309175==_ .ALT"

--=====-1016309175==_ .ALT

Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang: I thought you might enjoy the following msgs from Barry Ornitz WA4VZQ. The context is a discussion about redoing the silver plating on old tarnished coils. Doing it yourself can be hazardous, as Barry notes, because most of the plating solutions contain cyanide. In an earlier msg, Barry recommended buying a bottle of "Cool-Amp" powder, which you simply rub onto copper with a damp cloth. It leaves a nice silver coating and is an easy non-toxic way to spiff up unplated copper.

73,

Jim Garland W8ZR

Msg 1:

You will find all sorts of specifications for silver plate, such as: Federal Spec, Quadruple, Triple, Double, Standard, Half-plate, Hotel Plate, Heavy Plate, Medium Plate, Light

Plate, Extra-heavy Hotel Plate, etc. Most of these specifications relate to jewelry and cutlery. If you find a silver plating outfit, you will likely need to understand these specifications. Most electroplating handbooks define these. My best reference is the second edition of "Modern Electroplating" by Frederick Lowenheim. The book was sponsored by the Electrochemical Society. I am sure your library has a copy or even more modern books on the subject. Reading about the specifications beforehand will make talking to the plater easier.

For electrical applications, good conductivity is needed, and this is often obtained at the expense of brightness. Periodic current reversal, which alters the grain deposits during plating, is often used for plating waveguides and such for this reason.

To plate on pure copper or brass, only a single silver strike is needed before plating in a conventional silver bath. For iron, or copper parts that have been soldered, you must generally use a double strike with the first strike being a mixture of copper and silver cyanides.

Unfortunately all commercial silver baths are based on silver cyanide along with potassium and sodium cyanides. Other ingredients are added to buffer the pH, brighten the plate, and reduce the stress in deposits. To get good, shiny deposits, lots of care and bath maintenance are needed. You also need high purity electrodes. All in all, I would turn to a commercial outfit. I agree that cyanides are not the best thing to have around the home (although disposal of silver cyanide solutions is easier than the safe disposal of chromium plating solutions).

Msg 2:

>Hi Jim,

>

>Evidently the use of periodic current reversal can increase the
>conductivity of silver plate by as much as 10%. Without this technique,
>bare copper can be a better RF conductor!

>

>I am pleased that my good friends on the Boatanchor List have taken
>chemical safety to heart along with electrical safety. Knowing your
>background, I do not worry about YOU being safe. Like everything else,
>think first and understand - then do.

>

>You are quite correct about the current density in gold plating. Too high

>a current and you get what a plater calls a "burnt" finish. Of course
>platers try to use the highest currents possible to increase production
>rate. Erring on the side of lower currents usually means taking a little
>longer - easy to do at home.

>
>Cyanide poisoning is usually noted at an early stage by a blue tint under
>the fingernails and of the lips. Like carbon monoxide poisoning, the
>cyanide ion attaches itself to the hemoglobin very tightly. The blue tint
>is due to lack of oxygen in the cells.

>
>As an aside, before Eastman routinely started using carbon monoxide
>monitors and personnel badges, they were legally able to discriminate
>against black skinned people by keeping them from areas of likely exposure.
>By the time I left, only one process in the organic chemicals division did
>not allow black operators and it was a cyanide process where the exposure
>was through the skin. I once visited International Nickel in Sudbury,
>Ontario, where they use nickel tetracarbonyl in the refining operation.
>The company has special permission from the Canadian government (which has
>very strict anti-discrimination laws) to ask women workers if they are
>pregnant. If so, they are given other jobs in the company for the duration
>of their pregnancy. Here it is a case of the medical treatment for
>carbonyl exposure causing spontaneous abortion. Fortunately the Canadians
>and OSHA in the USA are practical and worry more about safety than possible
>discrimination. When Eastman did some work with nickel carbonyl, we let
>the women operators work elsewhere in the pilot plants if they wished. By
>the way, I developed what I think is still the world's fastest nickel
>carbonyl ambient air monitor. It is based on chemiluminescence and can
>detect air concentrations as low as one part per billion in less than 30
>seconds.

>
>73, Barry WA4VZQ ornitz@tricon.net

--===== _-1016309175==_ .ALT
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--===== _-1016309175==_ .ALT--

Message-ID: <005b01c16274\$908a5dc0\$17a1cdd1@ebjr>

From: "Sandy W5TVW" <ebjr@i-55.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Viking Valiant Part Location

Date: Wed, 31 Oct 2001 19:28:06 -0600

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Subject: Viking Valiant Part Location

> Greetings fellow anchorites.

>

> I have a

> Viking Valiant that I am having problems troubleshooting drive and

> neutralizing problems. Viewing the transmitter output on 20 and 10 meters
on

> my IFR 2000 spectrum analyzer that I am fortunate to have in the shop, the

> output looks like a Christmas tree.

>

> My first question for now is I am unable to locate C35(1000pf) it is
shown

> on the schematic as being connected to a point where the C74
neutralization

> line joins to the top of the multiplier plate circuit coil L6. Thence

> from this point C35 goes to ground.

Physically, the connection from C35 and C74 (neutralizing cap.) is at
the top end of L6A, but RF wise, and schematically is at the "cold" end
(bottom end) of L6A. C35 should be located beneath the small shield
that covers part of the driver circuitry, or in that immediate vicinity
under the chassis.

>

> Looking at the manual and Figure 2, (Valiant Top View), I think I can see
a

> ceramic cap located on the side of the L6A coil, but due to the photo

> quality I am not sure.

There isn't any ceramic capacitor there, just a lead that goes from the
physical top

of L6A thru a hole in the chassis next to L6A. It should be a common

postage stamp mica capacitor under the chassis in the vicinity of XV-4.

Can't say exactly where as I don't have a Valiant on the repair bench at the
moment.

73,

Sandy W5TVW

PS: There are better and easier neutralization methods than described in the manual
as well! Never liked the method they used as too much "cut and try"!

End of BOATANCHORS Digest 3246
